

328 What Is Claimed Is:

330 1. An apparatus comprising an automobile having at least three wheels and an underside,
the underside comprising a structural frame, the structural frame having a first edge
332 having a front end and a back end, the first edge being located between two of the
wheels, the automobile further having an inflatable tire mounted on each of two of the
334 wheels, the two wheels with inflatable tires thereon spaced apart by the first edge, an
improvement comprising an integral means for selectively pneumatically independently
336 raising the front end and the back end of the structural frame of the automobile, the
integral means further comprising means for selectively pneumatically independently
338 lowering the front end and the back end of the structural frame of the automobile.

2. The apparatus according to claim 1 wherein the integral means for selectively
340 pneumatically independently raising the front end and the back end of the structural
frame of the automobile further comprises
342 a rigid housing, the housing having a side wall, a top wall, and a housing floor opening
positioned in a facing relationship relative to the housing top wall, with at least one
344 selectively sealable pneumatic plenum positioned within the housing between the housing
bottom wall and the housing top wall, and
346 a compressor, and power supply means directed to the compressor for effecting actuation
of the compressor, and a pneumatic conduit directed from the compressor to a valve
348 assembly, the valve assembly directing pressurized air from the compressor through the
pneumatic conduit to the pneumatic plenum, and a support tube fixedly and orthogonally
350 mounted to the housing bottom wall, with a plate adjustably received within the support
tube; the valve assembly including a valve conduit directed therethrough in pneumatic
352 communication with at least one selectively sealable pneumatic plenum and the
pneumatic conduit.

354 3. An apparatus as set forth in claim 2 including a rotary relief shaft rotatably received
within the valve assembly and extending into the valve assembly conduit to permit
356 selective depressurization of each selectively sealable pneumatic plenum.

4. An apparatus as set forth in claim 3 further comprising a retracting means for retracting
358 the housing bottom wall.
5. An apparatus as set forth in claim 4 wherein the retracting means comprising a spring
360 means for springingly retracting the housing bottom wall.
6. An apparatus as set forth in claim 5 further comprising a top wall attachment means for
362 attaching the spring means to the top wall and a bottom wall attachment means for
attaching the spring means to the bottom wall.
- 364 7. An apparatus as set forth in claim 4 wherein each selectively sealable pneumatic
plenum is comprised of at least two interconnected telescoping members.
- 366 8. An apparatus as set forth in claim 7 wherein each interconnected telescoping member
is a sealable pneumatic cylinder, each with adjacent pneumatically sealed sidewalls.
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9. An apparatus comprising an automobile having at least three wheels and an underside,
370 the underside comprising a structural frame, the structural frame having a first edge
having a front end and a back end, the first edge being located between two of the
372 wheels, the automobile further having an inflatable tire mounted on each of two of the
wheels, the two wheels with inflatable tires thereon spaced apart by the first edge, an
374 improvement comprising an integral means for selectively pneumatically independently
raising the front end or the back end of the structural frame of the automobile, the integral
376 means further comprising a first separate means for selectively pneumatically
independently lowering the front end and a second separate means for selectively
378 pneumatically independently lowering the back end of the structural frame of the
automobile.
- 380 10. The apparatus according to claim 9 wherein the integral means for selectively
pneumatically independently raising either the front end or the back end of the structural
382 frame of the automobile further comprises
a rigid housing, the housing having a side wall, a top wall, and a housing floor opening
384 positioned in a facing relationship relative to the housing top wall, with at least one

selectively sealable pneumatic plenum positioned within the housing between the housing
386 bottom wall and the housing top wall, and
a compressor, and power supply means directed to the compressor for effecting actuation
388 of the compressor, and a pneumatic conduit directed from the compressor to a valve
assembly, the valve assembly directing pressurized air from the compressor through the
390 pneumatic conduit to the pneumatic plenum, and a support tube fixedly and orthogonally
mounted to the housing bottom wall, with a plate adjustably received within the support
392 tube; the valve assembly including a valve conduit directed therethrough in pneumatic
communication with at least one selectively sealable pneumatic plenum and the
394 pneumatic conduit.

11. An apparatus as set forth in claim 10 including a rotary relief shaft rotatably received
396 within the valve assembly and extending into the valve assembly conduit to permit
selective depressurization of each selectively sealable pneumatic plenum.

398 12. An apparatus as set forth in claim 11 further comprising a retracting means for
retracting the housing bottom wall.

400 13. An apparatus as set forth in claim 12 wherein the retracting means comprising a
spring means for springingly retracting the housing bottom wall.

402 14. An apparatus as set forth in claim 13 further comprising a top wall attachment means
for attaching the spring means to the top wall and a bottom wall attachment means for
404 attaching the spring means to the bottom wall.

15. An apparatus as set forth in claim 12 wherein each selectively sealable pneumatic
406 plenum is comprised of at least two interconnected telescoping members.

16. An apparatus as set forth in claim 15 wherein each interconnected telescoping
408 member is a sealable pneumatic cylinder with adjacent pneumatically sealed sidewalls.

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